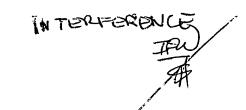


AFFYMETRIX, INC. Legal Department 3380 Central Expressway Santa Clara, CA 95051 (408) 731-5000



Attorney Docket No. 3057.1B

In re application of: PETER FIEKOWSKY et al.

Mail Stop Amendment

Application No. : 10/648,819

Group Art Unit: 2857

Filed : August 25, 2003

Examiner: Raymond, Edward

For

: SCANNED IMAGE ALIGNMENT SYSTEMS AND METHODS

Mail Stop Amendment

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop Amendment
Randolph Building
401 Dulany Street

Alexandria, VA 22314

Sir:

Transmitted herewith is a **Preliminary Amendment D** and a **Resubmission of Request for Interference** in the above-captioned application.

- Small Entity Status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a previously filed statement.
- A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.
- x Appendix A to Preliminary Amendment D
- x Appendices A-C to Resubmission of Request for Interference
- x PTO-Form 850

The fee has been calculated as shown below:

Claims After Amendment	No. Claims Previously Paid For	Present Extra	Small E	Entity	Other Than A	Small Entity
			Rate	Fee	Rate	Fee
Total Claims: 12	*20	0	x25=	\$	x 50=	\$0.00
Indep. Claims: 6	**3	3	x100=	\$	x200=	\$600.00
Multiple Dependent Claims Presented			+180=	\$	+360=	\$0.00
Extension Fees for One Month				\$		\$0.00
			Total:	\$	Total:	\$600.00

^{*} If less than 20, write 20

** If less than 3, write 3

X Please charge my Deposit Account No. 01-0431 in the amount of \$600.00.

A check in the amount of \$ to cover the *filing/extension* fee is included.

The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 01-0431.

X Any additional filing fees required under 37 C.F.R. 1.16.

X Any patent application processing fees under 37 C.F.R. 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37

C.F.R. 1.136(a)(3)).

Philip L. McGarrigle Reg. No. 31,395

Date: 10/14/05

Form PTO-850 (Rev. 01-10-2001)

Patented claims 1-5

None

The claim(s) of this party NOT corresponding to Proposed Count 1:

INTERFERENCE INITIAL MEMORANDUM

Count #	
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To the Board of Patent Appeals and Interferences:

An interference is p	proposed involving the	10110Wing p:	arties		
PARTY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY	
Junior Party Yakhini et al.	09/589,046	06/06/2000	6,591,196	07/08/2003	
If the involved is a patent, have	e its maintenance fees been paid? Y	es No Not o	due yet X		
	Proposed priority benefi	t (list all intervening applicatio	ns necessary for continuity):		
COUNTRY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY	
USA	09/589,046	06/06/2000	6,591,196	07/08/2003	
The claim(s) of this party corre	esponding to Proposed Count 1:				
PATENTED OR PATENTAB Patented claims 1-18			UNPATENTABLE PENDING CLAIMS N/A		
The claim(s) of this party NOT None	corresponding to Proposed Count 1	:			
PARTY Junior Party	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY	
Yakhini et al.	09/659,415	09/11/2000	6,768,820	07/27/2004	
If the involved is a patent, have	e its maintenance fees been paid? Yo	es No Not o	lue yet X		
	Proposed priority benefit	t (list all intervening applicatio	ns necessary for continuity):		
COUNTRY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY	
USA	09/659,415	09/11/2000	6,768,820	07/27/2004	
USA	09/589,046	06/06/2000	6,591,196	07/08/2003	
The claim(s) of this party corre	esponding to Proposed Count 1:				
PATENTED OR PATENTABLE PENDING CLAIMS			UNPATENTABLE PENDING CLAIMS		

N/A

PARTY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
Senior Party Fiekowsky et al.	10/648,819	08/25/2003	N/A	N/A

If the involved is a patent, have its maintenance fees been paid? Yes

Proposed priority benefit (list all intervening applications necessary for continuity):

COUNTRY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
USA	10/648,819	08/25/2003	N/A	N/A
USA	09/542,151	04/04/2000	6,611,767	08/26/2003
USA	08/996,737	12/23/1997	6,090,555	07/18/2000
USA	60/069,032	12/11/1997	N/A	N/A
USA	09/699,852	10/30/2000	6,741,344	05/25/2004
USA	08/823,824	03/25/1997	6,141,096	10/31/2000
USA	08/195,889	02/10/1994	5,631,734	05/20/1997
The claim(s) of this party cor 46-49, 59-61 and 64	responding to Proposed Count 1:			
PATENTED OR PATENTABLE PENDING CLAIMS Patentable pending claims 46-49, 59-61 and 64-68			UNPATENTABLE PENDING CLAIMS None	
The claim(s) of this party NO None	T corresponding to Proposed Count 1	:		

(Check off each step, if applicable) INSTRUCTIONS

_					
	1	Obtain	all filer	licted	ahowa

- 2. Confirm that the proposed involved claims are still active and all corrections and entered amendments have been considered. The patents must not be expired for, among other things, failure to pay a maintenance fee (Check PALM screen 2970).
- If one of the involved files is a published application or a patent, check for compliance with 35 U.S.C. 135(b).
 Obtain a certified copy of any foreign benefit documents where necessary (37 CFR 1.55(a)).
- - 5. Discuss the proposed interference with an Interference Practice Specialist in your Technology Center.

DATE	PRIMARY EXAMINER (signature)	ART UNIT	TELEPHONE NUMBER
DATE	INTERFERENCE PRACTICE SPECIALIST or TECHNOLOGY CENTER DIRECTOR (signature)		TELEPHONE NUMBER

File No. **3057.1B**



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
PETER FIEKOWSKY et al.) Examiner: Raymond, Edward
Serial No. 10/648,819) Art Unit: 2857
Filed: August 25, 2003)
For: SCANNED IMAGE ALIGNMENT SYSTEMS AND METHODS)))
COMMISSIONER OF PATENTS	
P.O. Box 1450	
Alexandria VA 22313-1450	

RESUBMISSION OF REQUEST FOR INTERFERENCE

Sir:

Applicants hereby resubmit their request for interference between the present application USSN 10/648,819 ("the '819 application") and United States Patent Nos. 6,591,196 ("the '196 patent") and 6,768,820 ("the '820 patent") which issued to Yakhini *et al.* on July 8, 2003 and July 27, 2004, respectively.